IOWA TELECOMMUNICATIONS AND TECHNOLOGY COMMISSION

Richard L. Bruner	Kathleen Kohorst	Timothy L. Lapointe	Mary Mosiman
CHAIR	Kelly Dolan Lange	Mary Sellers	Robert von Wolffradt

RIC LUMBARD, EXECUTIVE DIRECTOR   GOVERNOR TERRY E. BRANSTAD   LIEUTENANT GOVERNOR KIM REYNOLDS

Iowa Telecommunications & Technology Commission

Grimes State Office Building, 1st Floor

400 E. 14th Street, Des Moines, IA 50319

FINAL

July 16, 2015

To ensure the most efficient use of State resources, the July 16, 2015 ITTC meeting was held via video conference pursuant to Iowa Code section 21.8. A video conference also ensured more Commissioners were able to participate in the meeting and reduced the risk of delays caused by weather or other impediments to travel. The meeting was accessible to members of the public through attendance at the Grimes State Office Building.

I.   Roll Call:

- **Commissioners Present:**

  Richard Bruner, Chair (on-site)
  Timothy Lapointe, Member (video conference)
  Kate Kohorst, Member (on-site)
  Mary Sellers, Member (on-site)
  Mary Mosiman, Ex-Officio Member (on-site)
  Robert von Wolffradt, Ex-Officio (on-site)

- **Commissioners Absent:**

  Kelly Dolan Lange, Member

- **Iowa Communications Network Staff Present:**

  Ric Lumbard, Executive Director
  Mark Johnson, Chief Operating Officer
  Deb Evans, Chief Financial Officer
  David Marley, Operations Manager
  Philip Groner, Business Services Manager
  Mike Cruise, Financial Manager
  Jontell Harris, Government Relations Director
  Jessica Jensen, Executive Administrator (Recorder/Minutes)
  Scott Pappan, Engineering Manager
  Helen Troyanovich, Cyber Security Manager
  Lori Larsen, Communications Director

- **Guests:**

IOWA COMMUNICATIONS NETWORK

Grimes State Office Building, 400 E. 14th Street, Des Moines, IA 50319   Phone: 515-725-4692 Fax: 515-725-4727 www.icn.iowa.gov

IOWA TELECOMMUNICATIONS AND TECHNOLOGY COMMISSION

Richard L. Bruner	Kathleen Kohorst	Timothy L. Lapointe	Mary Mosiman
CHAIR	Kelly Dolan Lange	Mary Sellers	

RIC LUMBARD, EXECUTIVE DIRECTOR   GOVERNOR TERRY E. BRANSTAD   LIEUTENANT GOVERNOR KIM REYNOLDS

Frank Hilton – Iowa Network Services (INS)
David Faith – Iowa Department of Justice
Tony Day – CenturyLink
Sean Cory – CenturyLink
Ray Warner – Iowa Network Services (INS)

II. Call to Order

- Chairperson Bruner called the meeting to order at 10:30 am. It was noted that a quorum of members were present for the meeting.

III. Approval of June 17, 2015 Meeting Minutes

- Chair Bruner requested to approve the June 17, 2015 Meeting Minutes. Commissioner Kohorst moved to approve the minutes and Commissioner Sellers seconded. The motion passed unanimously.

    Commissioner Sellers - Yes
    Commissioner Kohorst - Yes
    Commissioner Lapointe – Yes
    Commissioner Bruner - Yes

IV. Old Business:

- **FirstNet Update - Ric Lumbard**

    The FirstNet Broadband Committee has submitted the coverage maps and user profile data to FirstNet for review and the data has been accepted. FirstNet is ready to start phase two of data collection and begin the process of planning the second State Consultation.

    The ICN has made its recommendation to the Iowa Statewide Interoperable Communications System Board (ISICSB) to hire a data analyst for the remaining data collection because the extensive amount of research required is not possible within the current workload of ICN. The hiring for that position has been approved.

    The Communication Assets Survey and Mapping (CASM) database is the federal database for public safety entities. FirstNet will be using CASM to organize and store

IOWA COMMUNICATIONS NETWORK

Grimes State Office Building, 400 E. 14th Street, Des Moines, IA 50319   Phone: 515-725-4692 Fax: 515-725-4727 www.icn.iowa.gov

the data collected by the states. The ICN would help create a portal as a front end data entry page associated with Iowa for the CASM database to make it more user-friendly.

The second Public/Private Partnership Summit will be held on August 13, 2015 in the Grimes building and will be led by the Iowa FirstNet team. The summit is intended to improve communications between the private and public sectors regarding FirstNet and the RFP that will be released.

Comments:

Chair Bruner: The first summit was very well attended and I am looking forward to the speakers that will be presenting at this summit. There is a good agenda and if you are available please attend.

V. New Business

- ### Administrative Rules and Regulatory Report – Jontell Harris

Executive Order Number 9 requires each state agency to submit a regulatory plan for any foreseeable rule making initiatives for the upcoming fiscal year. No Rule changes or regulatory action is foreseen at this time.

- ### FY 17 Video Rates – Phil Groner

September is the time that the Commission sets the video conferencing rates for the upcoming fiscal year; however July is when the discussion begins. There has been a steady decline in MPEG hours. The reason for this decline is the model of education has changed over time and schools are moving away from the need to be in a standard classroom. The technology has also changed significantly.

There has been a rise in the use of video over IP in addition to a decline of MPEG usage, the sunset date was set as June 30, 2018. This date helps prepare the customers for the upcoming transition and to plan for things ahead.

The last time there was a rate change was in 2008. Due to the sunset date, we would like to raise the MPEG rates so that IP looks more appealing to customers. This will also assist in encouraging customers to transition away from MPEG service. It would be a 25% raise for MPEG and a decline in IP price by 25%. That is pre E-Rate pricing.

IOWA COMMUNICATIONS NETWORK

Grimes State Office Building, 400 E. 14th Street, Des Moines, IA 50319   Phone: 515-725-4692   Fax: 515-725-4727   www.icn.iowa.gov

Projected FY 2016 MPEG hours will be less than 20,000 hours. More than likely we will complete the transition out of the MPEG before the sunset timeframe. Then, with the Commission's approval, the new IP rates would be extended to customers.

The letter of recommendation by the Education Technology Commission (ETC) is that MPEG rates would stay the same and that is not unusual.

Comments:

Lumbard: Could you please update the Commission on how many video rooms we are talking about?

Groner: When the sunset date was set, there were around 600 rooms in the past but we now have around 2-3 disconnects for the video rooms a month and are transitioning to the new service. We are down to a little over 500 rooms at this point and will continue to do the conversions, but the plan would be to have them all completed in the transitions by the sunset date of June 30, 2018.

Commissioner Kohorst: What is the fiscal impact of the changes? (Gross number)

Groner: I will calculate that number and send it to you.

Commissioner Lapointe: Is the case that schools are not necessarily using less video, but rather just using it through different platforms and we are assisting them with that?

Groner: Yes, they are mainly using cloud based platforms (cloud based video conferencing or a cloud based interactive service). With the 1-to-1 programs, each student is equipped with an iPad or ChromeBook and with that instead of going to a fixed classroom; they can do their learning online.

Commissioner Mosiman: Do you know how many school districts this would impact?

Groner: This would impact approximately 250 schools.

Chair Bruner: What are most of the classrooms that are disconnecting doing?

Groner: Most of them have 1-to-1 and are equipping the students with online tools that are cloud based.

- **2015 Appreciative Inquiry (AI) Report – Ric Lumbard**

IOWA COMMUNICATIONS NETWORK

Grimes State Office Building, 400 E. 14th Street, Des Moines, IA 50319   Phone: 515-725-4692 Fax: 515-725-4727 www.icn.iowa.gov

Appreciative Inquiry (AI) is an evaluation tool. In 2014, there were over 200 AI responses and this year there were over 500 responses. Ric and the AI team are now in the process of analyzing the data that was collected and assembling it. It is not a problem solving model, rather if something is not appreciated, the question should be asked: why you are doing it? At the next in-person meeting, the AI report will be provided along with the 2015 Customer Survey.

The Customer Survey shows what the customers appreciate about the ICN. The survey results were sent to Business Services and Business Services measured the survey against the goals of the 2015-2016 ICN Blueprint. If the ICN shows up in the 7 goals in the ICN Blueprint, will that improve the customer survey? The short answer was yes. The initial impression right now is that if the ICN follows the 7 goals, it will significantly impact the customer survey.

Also, thank you to the Commission for participating.

Comments:

> *Chair Bruner: The fact that excellent was across the board for our front door we owe our own Karen Alessio a big thank you. She is so nice and so happy and is appreciated. Ric thanks for taking all of that on.*

- ## Cyber Security – Helen Troyanovich

The Cyber Security Bureau is working on Distributed Denial of Service (DDoS) mitigation and DDoS strategy.   The Cyber Bureau is looking at different vendors at this point for the products. It takes up all the bandwidth and shuts down entire websites.

There are two intern positions posted on the Department of Administrative Services website. The Cyber Bureau is also looking at universities and local cyber security programs to help educate people who want to learn about the cyber industry. We want to work with the National Guard as well as the Office of the Chief Information Officer (OCIO). The Cyber Bureau also works with internal database management.

Comments:

IOWA COMMUNICATIONS NETWORK

Grimes State Office Building, 400 E. 14th Street, Des Moines, IA 50319   Phone: 515-725-4692 Fax: 515-725-4727 www.icn.iowa.gov

Lumbard: Statistics on some of the cyber volumes that we are talking about here. Currently we have about 30 gigabyte of internet that we manage and will be adding 10 gigabyte to the state infrastructure to provide resiliency.

We put in equipment (gigamons) that lifts and copies information and then sends it to intrusion devices and looks for patterns to detect an intrusion. Once intrusion has been detected an alert can be made. ICN is going to scrub the traffic that is bad; cleaning it and then rerouting it back. The device lifts a copy that goes to intrusion detection then scrubs and returns it better than it came in. Executive branch data (6 gig) will go to the OCIO, Jeff Franklin will monitor for the executive branch and provide intrusion detection.

ICN will provide this detection to customers as a service. We have not done this before, it's invasive and intrusive, but it is our new life in IT. You can watch real life intrusions in the Broadband Information Center (BRIC). It is around to stay and a response to security in the technology industry.

VI.   Other Business

- New Commissioner Welcome – Chair

  Chairman Bruner welcomed Bob von Wolffradt to the ITTC.

  Comments:

  > *Commissioner von Wolffradt: It is critical that the cyber security be monitored and it is a new era. It is comforting to have the ICN monitoring and partnering with whoever they have to; to protect the data. Thank you Mr. Chair for having me.*

VII.   Adjournment

IOWA COMMUNICATIONS NETWORK

Grimes State Office Building, 400 E. 14th Street, Des Moines, IA 50319 Phone: 515-725-4692 Fax: 515-725-4727 www.icn.iowa.gov

IOWA TELECOMMUNICATIONS AND TECHNOLOGY COMMISSION

Richard L. Bruner	Kathleen Kohorst	Timothy L. Lapointe	Mary Mosiman
CHAIR	Kelly Dolan Lange	Mary Sellers	

RIC LUMBARD, EXECUTIVE DIRECTOR   GOVERNOR TERRY E. BRANSTAD   LIEUTENANT GOVERNOR KIM REYNOLDS

- Commissioner Kohorst moved that the meeting be adjourned. Commissioner Sellers seconded the motion. The ITTC meeting adjourned at 11:08 a.m.

ATTESTED TO:

_____
     Richard Bruner, Chair, Iowa Telecommunications and Technology Commission

IOWA COMMUNICATIONS NETWORK

Grimes State Office Building, 400 E. 14th Street, Des Moines, IA 50319   Phone: 515-725-4692 Fax: 515-725-4727   www.icn.iowa.gov